

**CLAIM AMENDMENTS:**

Please amend the claims as follows:

1. (Currently amended) A method for producing an isotransgenic plant line, as compared to a plant line of interest, comprising:
  - a) transforming cells of a hybrid plant, the parental line of which are a said line of interest and a line suited to transformation, with a vector comprising a T-DNA containing a transgene, in order to obtain hybrid primary transformants;
  - b) selecting at least one individual among said hybrid primary transformants which have integrated said T-DNA, wherein said individual has said T-DNA integrated only; into the genome of the said line of interest, in order to obtain selected individual(s);
  - c) backcrossing selected hybrid primary transformants with the said individual(s) with said parental line of interest; and
  - d) selecting at least one transgenic individual derived from each backcross obtained from the backcross in step c;
  - e) repeating steps c and d until the said isotransgenic line is produced.
2. (Currently amended) The method of Claim 1, wherein the selecting selection of said hybrid primary transformants comprises identifying genomic sequences adjacent to the T-DNA inserted and determining the parent genome which has received said T-DNA.

3. (Currently amended) The method of Claim 2, wherein ~~determining determination of~~ the plant genome which has received the T-DNA is carried out ~~according to a technique selected from the group consisting of an RFLP technique and a sequencing method by RFLP or by sequencing.~~

4. (Canceled)

5. (Currently amended) The method of Claim 1 further comprising crossing ~~the said~~ isotransgenic plant line obtained in step e and a second line of interest.

6. (Currently amended) The method of Claim 1, wherein the hybrid plant is selected from the group consisting of ~~a crop plant, vegetable plant, and floral plant~~ crop plants, vegetables, and flowers.

7. (Previously presented) The method of Claim 1, wherein the T-DNA comprises in particular a nucleotide sequence encoding a protein which confers agronomic properties and/or properties of resistance to diseases.

8. (Currently amended) The method of Claim 1, wherein ~~the isotransgenic line~~ said line of interest is a commercial elite line.

9. (Canceled)

10. (Currently amended) ~~A method of identifying~~ The method of claim 1, wherein identification of the parent genome which has received a T-DNA after transformation of a hybrid comprising comprises identifying genomic sequences adjacent to the T-DNA inserted.

11. (Canceled)

12. (Currently amended) ~~An isotransgenic line produced from hybrid transformants by the method of Claims 1 or 7, wherein the isotransgenic line has a pure line of interest genotype over the entire genome and have stably integrated the T-DNA containing the transgene as compared to a line of interest, wherein said isotransgenic line only differs from said line of interest by the presence of the T -DNA containing the transgene.~~

13. (Canceled)

14. (Previously presented) The method of Claim 5, wherein the second line of interest is an isotransgenic plant line.

15. (Currently amended) The method of claim 6, wherein ~~the crop plant or vegetable plant is~~ said crop plants, vegetables, and flowers are selected from the group consisting of maize, wheat, rapeseed, sunflower, pea, soybean and barley.

16. (Canceled)

17. (New) The isotransgenic line according to claim 12, wherein said line of interest is a maize line.